Employee Post-Travel Disclosure of Travel Expenses

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	OULIC RECORD SENATE
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Post-Travel Filing Instructions: Complete this form within 30 days of returning from

travel. Submit all forms to the Office of Public Records in 232 Hart Building. In compliance with Rule 35.2(a) and (c), I make the following disclosures with respect to travel expenses that have been or will be reimbursed/paid for me. I also certify that I have attached: ☑ The <u>original</u> Employee Pre-Travel Authorization (Form RE-1), <u>AND</u> 🖾 A copy of the Private Sponsor Travel Certification Form with all attachments (itinerary, invited list, etc.) Private Sponsor(s) (list all): Massachusetts Institute of Technology Security Studies Program Travel date(s): 4/19/2017-4/21/2017 (extended to 4/23/2017 at personal expense) Name of accompanying family member (if any): _____ Relationship to Traveler:

Spouse ☐ Child IF THE COST OF LODGING DID NOT INCREASE DUE TO THE ACCOMPANYING SPOUSE OR DEPENDENT CHILD, ONLY INCLUDE LODGING COSTS IN EMPLOYEE EXPENSES. (Attach additional pages if necessary.) **Expenses for Employee:** Transportation **Lodging Expenses** Meal Expenses Other Expenses (Amount & Description) Expenses ☑ Good Faith \$534.90 \$560 \$200 Estimate ☐ Actual Amount Expenses for Accompanying Spouse or Dependent Child (if applicable): **Lodging Expenses** Meal Expenses Transportation Other Expenses (Amount & Description) Expenses ☐ Good Faith Estimate ☐ Actual Amount Provide a description of all meetings and events attended. See Senate Rule 35.2(c)(6). (Attach additional pages if necessary.): Two full days and one half-day of nuclear policy seminars, as well as a dinner with a keynote speaker. Full agenda attached.

(Revised 10/19/15)

Date/Time Stamp:

EMPLOYEE PRE-TRAVEL AUTHORIZATION

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days

prior to the travel departure date to the Select Committee on Ethics in SH-220.

Incomplete and late travel submissions will <u>not</u> be conform <u>must</u> be typed and is available as a fillable PDF of at ethics, senate, gov. Retain a copy of your entire prerequired post-travel disclosure.	on the Committee's website	
Name of Traveler:	Alisa Beyninson	·
Employing Office/Committee:	Armed Services	.
Private Sponsor(s) (list all): Massachusetts Institut	te of Technology Security Studies Program	
Travel date(s): April 19-23, 2017		!
Note: If you plan to extend the trip for any rear	son you <u>must</u> nougy the Commutee.	
Destination(s): Cambridge, MA		
Explain how this trip is specifically connected to the tra	aveler's official or representational duties:	
nuclear matters, focused primarily on nuclear weapor	es/Strategic Forces Subcommittee to support committee work on this complex modernization. The MIT seminar titled "Nuclear es, including strategic alliances, nuclear strategy, and modernizately supports the issues related to her work for the committee. 13 After extending The tripat personal expensional ex	ation.
Name of accompanying family member (if any): Relationship to Employee: Spouse Child I certify that the information contained in this form is to	true, complete and correct to the best of my knowledge:	
5/8/2017 (Date)	(Signature of Employee)	
Secretary for the Majority, Secretary for the Minority, and C	FICER (President of the Senate, Secretary of the Senate, Sergeant at Chaplain):	
1, McCain he (Print Senator's Officer's Name)	ereby authorize Alisa Beyninson (Print Traveler's Name)	-
related expenses for travel to the event described above	ayment or reimbursement for necessary transportation, lodging, we. I have determined that this travel is in connection with his could not create the appearance that he or she is using public officers.	or ner
	loyee's spouse or child is appropriate to assist in the representation	tion
of the Senate. (signify "yes" by checking box)	11 2nor	
3/9/2017_ (Date)	(Signature of Supervising Senator: Officer) Fo	
(1)ate) (Revised 10/19/15)	Fo	n RE

Beyninson, Alisa (Armed Services)

From: Helen Haislmaier <LDI@iqmailer.com>
Friday, February 17, 2017 2:27 PM

Sent: Friday, February 17, 2017 2:27 PM

To: Beyninson, Alisa (Armed Services)

Subject: Invitation to MIT Seminar on Nuclear Weapons in the 21st Century, April 19-21

Please find enclosed an invitation from MIT's President Reif to the 19th Senior Congressional & Executive Branch Seminar, being held on and around the MIT Campus April 19-21, 2017.

If the seminar is not relevant to your current position, please feel free to forward it to a pertinent colleague. Rlease contact my colleague, Harlene Miller, at 617-258-6531, or harlenem@mit.edu, if you have any questions.

Kind regards, Helen Haislmaier Program Coordinator MIT Washington Office

L. Rafael Reif, *President*Massachusetts Institute of Technology

77 Massachusetts Avenue

Cambridge, MA 02139-4307

February 17, 2017

Dear Alisa,

I am pleased to invite you to participate in the 19th annual Seminar for Senior Congressional and Executive Branch Staff, to be held on the MIT campus from noon on Wednesday, April 19, until noon on Friday, April 21, 2017. It is sponsored by the MIT Security Studies Program through an ongoing grant from the Frankel Foundation.

The subject of this year's seminar is "Nuclear Weapons in the 21st Century: Dangers,

Strategies and Policymaking." Top outside experts and MIT faculty will focus on nuclear strategies, nuclear problem states like North Korea, homeland security and nuclear terrorism, budgeting and the U.S. weapons arsenal, and the future of nuclear power and its implications for proliferation. The seminar includes strategic, political, and military analysis. Experts at the MIT Lincoln Laboratory will review advanced technology developments that could produce new options for the American military.

As in the past, we are inviting Senior Congressional and Executive Branch staff from a variety of related policy areas and from committees that will be affected by policy choices that must be made. Participation is by invitation, with the number of attendees limited to encourage intensive interaction among participants, MIT faculty, and guests from industry and academia. Support from the Frankel (MIT) Global Policy Fund makes it possible for us to reimburse, as necessary, the cost of travel and hotel accommodations. We are carefully following Ethics Committee requirements and will provide you with the necessary forms to satisfy your particular ethics requirements.

The organizers of this year's seminar include Dr. Roger Petersen, Arthur and Ruth Sloan Professor of Political Science at MIT and Acting Director of the MIT Security Studies Program; Dr. Jim Walsh, Senior Research Associate at the MIT Security Studies Program; and Dr. Israel Soibelman, Assistant to the Director for Strategic Initiatives at Lincoln Laboratory.

If you would like to attend, you may apply no later than Friday, March 3, at http://www.regonline.com/2017_seminar, and you will be notified by Tuesday, March 8. If you are offered a place, this will allow sufficient time for filing the necessary paperwork with your Ethics Committee by Monday, March 20. Places are limited, so early application is strongly suggested. Harlene Miller at the MIT Security Studies Program will be happy to answer any questions, and she can be reached at 617-258-6531 or at harlenem@mit.edu. My MIT colleagues and I look forward to welcoming you to our campus on April 19, 2017.

Sincerely,

L. Rafael Reif

DRAFT AGENDA

19TH MIT Senior Congressional and Executive Office Branch Seminar

Nuclear Weapons in the 21st Century: Dangers, Strategies and Policymaking

April 19-21, 2017

Sessions to be held at various locations on the MIT Campus. Bus transportation will be provided.

Wednesday, April 19

8:30 am: American Airlines, Flight 2169 from Washington Reagan Airport Arrive Boston Logan Airport

Take bus to Hyatt Regency Cambridge to drop luggage off

11:15 am: Bus departs for MIT Samberg Conference Center Registration

12 Noon: Luncheon with Keynote speaker, Rebecca Hersman, Director, Project on Nuclear Issues, and Senior Adviser, International Security Program, Center for Strategic and International Studies

2:15 pm; Panel 1 Allies and Adversaries in Asia: The Nuclear Landscape

Chair: M. Taylor Fravel, Associate Professor of Political Science, MIT

Japan: Richard Samuels, Ford International Professor of Political Science and Director of the Center for International Studies, MIT

India/ Pakistan: Vipin Narang, Mitsui Career Development Associate Professor of Political Science, MIT

China: Eric Heginbotham, Principal Research Scientist, MIT

3:45 – 4 pm: Break

4:00 pm: Panel II US Nuclear Strategy in the 21st Century: Modernization and other Choices for Congress and the Executive

Chair: Barry R. Posen, Ford International Professor of Political Science and Director of the MIT Security Studies Program

Austin Long, Assistant Professor of International and Public Affairs, Columbia University

Benjamin Friedman, research fellow in defense and homeland security studies, CATO Institute

Caitlin Talmadge, Assistant Professor of Political Science and International Affairs, George Washington University

7:00 pm: Reception at the R&D Commons, Stata Center, MIT

Thursday, April 20

7:30 am: Breakfast at the Hyatt Regency

8:45 am: Travel to Lincoln Laboratory, 244 Wood Street, Lexington, MA

10:00 am: Lab Overview and Tours

1:00 - 2 pm: Working Lunch

2:00 pm: Travel to MIT Campus - Koch Institute

3:15 pm: Panel III Nuclear Problem States

Chair: Jim Walsh, Senior Research Associate, MIT

Russia: Carol Saivetz, Senior Advisor, MIT Security Studies Program

Iran: Steven E. Miller, Director of the International Security Program, Harvard University

North Korea: Gary Samore, Executive Director for Research, Belfer Center for Science and International Affairs, Harvard University

-6:30 - 9:15 pm: Reception and Formal Dinner, Hyatt Regency Cambridge

Dinner Speaker: Siegfried Hecker, Senior Fellow at the Freeman Spogli Institute for International Studies, and Research Professor of Management Science and Engineering, Stanford University.

Friday, April 21, 2017

7:30 - 8:30 am: Breakfast at the Hyatt Regency Cambridge

8:45 am: Bus to MIT Security Studies Program, Lucian Pye Room, 4th Floor, 1 Amherst Street, Cambridge

9:00 am: Panel IV Policymaking: Congressional and Executive Action Areas

Chair: Owen R. Cote, Associate Director, MIT Security Studies Program

Homeland Security/Nuclear Terrorism: Matthew Bunn, Professor of Practice, John F. Kennedy School of Government, Harvard University

Sanctions: John Park, Director, Korea Working Group, Adjunct Lecturer, Harvard Kennedy School

Intell Issues: Andrea Hall, Senior Director for WMD Terrorism & Threat Reduction - National Security Council

11:00-11:15 am: Break

11:15 am: Panel V Nuclear Energy and Proliferation: Linkages and Future Directions

Chair: Scott Kemp, Norman C. Rasmussen Associate Professor of Nuclear Science and Engineering at MIT, and director of the MIT Laboratory for Nuclear Security and Policy

Panel: TBA

1 pm: Closing remarks Box Lunch

2:30 pm: Travel from Hyatt Regency to Logan Airport

4 pm: Depart Logan Airport, American Airlines flight 2119

5:28 pm: Arrive Washington, DC, Reagan National Airport

Email correspondence from: MIT Washington Office, 820 1st Street, NE Suite 610, Washington, DC 20002

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PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should NOT submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee MUST also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

Technology
Description of the trip: Educational seminar over 3 days at MIT for Congressional and Executive Branch staff on Nuclear Weapons in the 21st Century: Dangers, Strategies and Policymaking. The seminar will include assions with MIT faculty and visiting experts the field and will also include a ½ day of briefings on defense and technology leaves at MIT's Lincoln Laboratory in Lexington. MA.
Dates of travel: April 19-21, 2017
Place of travel: Washington, DC to Cambridge, MA and hack. There will be a 15 day of briefings at MIT's Lincoln Laboratory in Lexington, MA (bus service provided). Name and title of Senate invitees: See attached list
I certify that the trip fits one of the following categories:
(A) The sponsor(s) are not registered lobbyists or agents of a foreign principal and do not retain or employ registered lobbyists or agents of a foreign principal and no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip. -OR -
(B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) (see question 9).
I certify that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.
EZI
I certify that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.
I certify that:
The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for de minimis lobbyist involvement.
The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee montations at latific to the latific transmittee montations at latific to the latific transmittee montations at latific to the latific transmittee montations at latific transmittees.
expect as provided for the Continuation on the trip by a registered top by ist or agent of a foreign principal

except as provided for by Committee regulations relating to lobbyist accompaniment (see question 9).

9.	USE ONLY IF YOU CHECKED QUESTION 6(B) I certify that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a
	foreign principal, one of the following scenarios applies:
	(A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one
	overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member,
	officer, or employee on any segment of the trip. $= OR -$
	(B) The trip is for attendance or participation in a one-day event (exclusive of travel time and two
	overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the
	Member, officer, or employee on any segment of the trip (see questions o and 10).
	–;OR. /
	(C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3)
	of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.
	accompany the Member, officer, of employee at any point and appropriate and any
10.	USE ONLY IF YOU CHECKED QUESTION 9(B)
	USE ONLY IF YOU CHECKED QUESTION (B) If the trip includes two overnight stays, please explain why the second night is practically required for If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel: The seminar is built around an intensive three day educational program on the MIT Senate invitees to participate in the travel:
	campus, as the attached itinerary indicates. It would not be possible to cover the necessary material in less time.
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	——————————————————————————————————————
11.	An itinerary for the trip is attached to this form. I certify that the attached itinerary is a detailed (hour-
	by-hour), complete, and final itinerary for the trip.
12.	Briefly describe the role of each sponsor in organizing and conducting the trip:
	The Massachusetts Institute of Technology (MIT) is a major non-profit research university, and has organized an annual three-day intensive
	educational seminar on science and technology public policy-related issues for Congressional Staff, and in more recent years, including Executive
	Branch Staff, since 1992. The seminar is held on its campus and utilizes its faculty, alumni experts, and outside experts. An MIT faculty committee
	hosts and organizes the seminar.
13.	Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission: The Massachusetts Institute of Technology is a major non-profit research university with a mission focused on education and research in science, The Massachusetts Institute of Technology is a major non-profit research university with a mission focused on education and research in science.
	Coorress and the Executive Branch in important public policy issues directly related to their security missions in mission in mission in mission in mission in mission in miss
	of scholarship that will best serve the nation and the world in the 21st century.
14	Briefly describe each sponsor's prior history of sponsoring congressional trips:
	MIT has hosted this seminar, on a wide range of public policy issues related to science and technology,
	almost every year since 1992.

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MIT, as noted above, is a major non-profit research university with a mission focused on education and				
research in the science	ces, engineering and te	chnology, and a com	esponding long histor	of public
service in these fields	5.;			·
Total Expenses for Ea	ch Participant:			
	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expense
Good Faith estimate	\$406. 40 (Air) \$128.50 (buses/cabs)	\$280. Incl. tax (2 nights with breakfast)	\$80.00 (Wed.) \$80.00 (Thurs.) \$40.00 (Fri.)	
Actual Amounts	Total: \$534.90	Total: \$560.	Total: 200.00	
-a-tial-action on b) the	strin involves en event	that is arranged or or	anized without regard	to congression with regard to
participation or b) the congressional particip	e trip involves an event	that is arranged or or	rganized <i>specifically</i> v	vith regard to
participation or b) the congressional participation. The seminar was org. Reason for selecting to the seminar was a select	e trip involves an event pation: and and an Congression the location of the even	that is arranged or or hal, as well as Execut	rganized <i>specifically</i> v	ation.
Participation or b) the congressional participation. The seminar was organized Reason for selecting. The seminar is being	the location of the ever	that is arranged or or hal, as well as Execute to tripous In Cambridge, MA	tive Branch staff ,educ	ation.
Participation or b) the congressional participation. The seminar was organized Reason for selecting. The seminar is being	e trip involves an event pation: and and an Congression the location of the even	that is arranged or or hal, as well as Execute to tripous In Cambridge, MA	tive Branch staff ,educ	ation.
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Participation or b) the congressional participation. The seminar was orgonal Reason for selecting. The seminar is being of MIT faculty and revenue. Name and location of the congressional participation of the seminar was orgonal.	the location of the ever held on the MIT camp	that is arranged or or hal, as well as Execute to trip ous In Cambridge, MA, and the use of MIT (tive Branch staff ,educed to enable the extense facilities, in the progra	ation.
Participation or b) the congressional participation. The seminar was orgonal Reason for selecting. The seminar is being of MIT faculty and red. Name and location of Hyatt Regency Came	the location of the ever held on the MIT camp gionally-based experts	that is arranged or or hal, as well as Execute that or trip has In Cambridge, MA, and the use of MIT (a facility: Drive, Cambridge, MA)	tive Branch staff ,educed to enable the extense facilities, in the progra	ation.

•	Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:			
	Lodging expenses at the Hyatt Regency Cambridge are close to Federal Government per diem rates			
	allowed for travel and include breakfast. Food expenses in the Boston/Cambridge area are generally			
	higher, but every attempt has been made to ensure that costs are competitive.			
•	Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:			
	Transportation provided is coach class on the American Airlines shuttle between Washington, DC and			
	Boston, MA.			
	I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35).			
	List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event: None.			
	, , , , , , , , , , , , , , , , , , ,			
	I hereby certify that the information contained herein is true, complete and correct. (You must include the completed signature block below for each travel sponsor.): Signature of Travel Sponsor:			
	Name and Title: Professor Roger Petersen, Faculty Member, Department of Political Science			
	Name of Organization: Massachusetts Institute of Technology			
	Address: 77 Massachusetts Avenue, E40-493, Cambridge, MA, 02139-4307.			
	Telephone Number: 617-253-6781			
	Fax Number: 617-258-7858			
	E-mail Address: rpeters@mit.edu			

Nuclear Weapons in the 21st Century: Dangers, Strategies and Policymaking

April 19-21, 2017

Security Studies Program

Massachusetts Institute of Technology

Cambridge, Massachusetts, USA





19TH MIT Senior Congressional and Executive Office Branch Seminar

Nuclear Weapons in the 21st Century: Dangers, Strategies and Policymaking
April 19-21, 2017

Sessions to be held at various locations on the MIT Campus. Bus transportation will be provided.

Wednesday, April 19	
8:30 am: 10:00 am:	American Airlines Flight 2169 from Washington Reagan Airport Arrive Boston Logan Airport
	Take bus to Hyatt Regency Cambridge to drop luggage off
11:15 am: 11:30 am:	Bus departs for MIT Samberg Conference Center Registration
12 Noon – 2 pm	Luncheon with Keynote speaker, Rebecca Hersman, Director, Project on Nuclear Issues, and Senior Adviser, International Security Program, Center for Strategic and International Studies
2:15 – 3:45 pm	Panel 1 US Nuclear Strategy in the 21st Century: Modernization and other Choices for Congress and the Executive
	Chair: Barry R. Posen, Ford International Professor of Political Science and Director of the MIT Security Studies Program
	Austin Long, Assistant Professor of International and Public Affairs, Columbia University
	Benjamin Friedman, research fellow in defense and homeland security studies, CATO Institute
	Caitlin Talmadge, Assistant Professor of Political Science and International Affairs, George Washington University
3:45 – 4 pm	Break

4:00 – 5:30 pm	Panel II Policymaking: Congressional and Executive Action Areas Chair: Owen R. Cote, Associate Director, MIT Security Studies
	Program
	Homeland Security/Nuclear Terrorism
	Matthew Bunn, Professor of Practice, John F. Kennedy School of Government, Harvard University
	Sanctions
	John Park, Director, Korea Working Group, Adjunct Lecturer, Harvard Kennedy School
	Budget & Force Structure
	Amy Woolf, Congressional Research Service
7:00 - 9:00 pm	Reception at the R&D Commons, Stata Center, MIT –
'	Informal discussion with MIT Security Studies professors,
	panel participants, and Security Studies Program graduate students.

Thursday, April 20	
7:30 – 8:30 am	Breakfast at the Hyatt Regency
8:45 – 9:45 am	Travel to Lincoln Laboratory, 244 Wood Street, Lexington, MA
10:00am – 12 noon	Lab Overview and Tours:
	MIT Lincoln Laboratory Overview; Dr. Israel Soibelman, Assistant to the Director for Strategic Initiatives
	Laboratory Tours (2 groups) Led by: Israel Soibelman/Mr. John E. Kuconis, Executive Officer
	Group 1 - Microelectronics Lab (ML-202) Craig L. Keast, Associate Division Head, Advanced Technology
	Group 2 - Wide Area Persistent Surveillance (S1-761) – Peter Boettcher, Assistant Group Leader, Integrated Systems & Concepts
12.00 noon 2 nm	Working Lunch
12:00 noon – 2 pm	

	Beaver Works Overview; Dr. Robert T-I. Shin, Division Head, ISR & Tactical Systems	
	Lunar Laser Communications Demonstration; Dr. Farzana I. Khatri, Technical Staff, Optical Communications Technology	
	3D Imaging Laser Radar; Dr. M. Jalal Khan, Group Leader, Active Optical Systems	
2:00 – 3:00 pm	Travel to MIT Campus – Koch Institute	

3:15 – 5 pm	Panel III
	Nuclear Problem States
	Chair: Jim Walsh, Senior Research Associate, MIT
	Russia Carol Saivetz, Senior Advisor, MIT Security Studies Program
	Iran Steven E. Miller, Director of the International Security Program, Harvard University
	North Korea Gary Samore, Executive Director for Research, Belfer Center for Science and International Affairs, Harvard University
	D. die Informations with MIT Professors Panel
6:30 – 7:30 pm	Reception – Informal discussions with MIT Professors, Panel speakers, and MIT Security Studies Program graduate students.
7:30 – 9 PM	Formal Dinner, Hyatt Regency Cambridge
	Dinner Speaker: Siegfried Hecker, Senior Fellow at the Freeman Spogli Institute for International Studies, and Research Professor of Management Science and Engineering, Stanford University.

Friday, April 21, 2017	<u> </u>
7:30 - 8:30 am	Breakfast at the Hyatt Regency Cambridge
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8:45 am	Rus to MIT Security Studies Drosmon, Lucien Dee D. 4th
J 0. 15 min	Bus to MIT Security Studies Program, Lucian Pye Room, 4th
0.15 11	Floor, 1 Amherst Street, Cambridge
9:15 am -11am	Panel IV
	Allies and Adversaries in Asia: The Nuclear Landscape
	Chair: Taylor Fravel, MIT Professor of Political Science
	Japan
	Richard Samuels, Director, MIT Center for International Studies
•	
	India/Pakistan
	Vipin Narang, MIT Professor of Political Science
	China
	Eric Heginbotham, MIT Principal Research Scientist
<u></u>	
11:00-11:15 am	Break
11:15 – 12:45 pm	Panel V
	Preventing Another Iran: How to Stop Countries from Using
	Civil Nuclear Power as a Cover (MIT Nuclear Science and Engineering)
	Lingmeeting)
	Chair: Scott Kamp Marmor C. Darmor A
	Chair: Scott Kemp, Norman C. Rasmussen Associate Professor of
ļ	Nuclear Science and Engineering at MIT, and director of the MIT
	Laboratory for Nuclear Security and Policy
	M-44b D D C CD
	Matthew Bunn, Professor of Practice, Harvard University
	Kennedy School
	307:11 Trulum -
	Will Tobey, Director, US Russia Initiative to Prevent Nuclear
	Terrorism, Harvard University
l pm	Closing remarks
	Box Lunch
2:00pm	Travel from Hyatt Regency to Logan Airport
4 pm	Depart Logan Airport, American Airlines flight 2119
5:28 pm	Arrive Washington, DC, Reagan National Airport

Biographies

19th MIT Senior Congressional and Executive Office Branch Staff Seminar April 19-21, 2017

Luncheon Keynote Speaker

Rebecca Hersman is director of the Project on Nuclear Issues and senior adviser for the International Security Program. Ms. Hersman joined CSIS in April 2015 from the Department of Defense (DOD), where she served as deputy assistant secretary of defense for countering weapons of mass destruction (WMD) since 2009. In this capacity, she led DOD policy and strategy to prevent WMD proliferation and use, reduce and eliminate WMD risks and respond to WMD dangers. Ms. Hersman was a key leader on issues ranging from the nuclear security summit to the elimination of Syria's chemical weapons to the global health security agenda. She served as DOD's principal policy advocate on issues pertaining to the Biological Weapons Convention, Chemical Weapons Convention, Nuclear Non-Proliferation Treaty, and Cooperative Threat Reduction Program.

Panel I

Barry R. Posen is Ford International Professor of Political Science at MIT, Director of the MIT-Security Studies Program (http://web.mit.edu/ssp/), and serves on the Executive Committee of Seminar XXI (http://semxxi.mit.edu/). He has written three books, Restraint-A New Foundation for U.S. Grand Strategy, Inadvertent Escalation: Conventional War and Nuclear Risks and The Sources of Military Doctrine. The latter won two awards: The American Political Science Association's Woodrow Wilson Foundation Book Award, and Ohio State University's Edward J. Furniss Jr. Book Award. He is also the author of numerous articles, including "The Case for Restraint," The American Interest, (November/December 2007) and "Command of the Commons: The Military Foundation of U.S. Hegemony," International Security, (Summer, 2003.) He has been a Council on Foreign Relations International Affairs Fellow; Rockefeller Foundation International Affairs Fellow; Guest Scholar at the Center for Strategic and International Studies; Woodrow Wilson Center Fellow; Smithsonian Institution; Transatlantic Fellow of the German Marshall Fund of the United States, and most recently Visiting Fellow at the John Sloan Dickey Center at Dartmouth College.

Austin Long is an Associate Professor at the School of International and Public Affairs and a Member of the Arnold A. Saltzman Institute of War and Peace Studies and the Harriman Institute for Russian, Eurasian, and East European Studies at Columbia University. He is also a non-resident Senior Fellow at the Foreign Policy Research Institute. Dr. Long was previously an Associate Political Scientist at the RAND Corporation, where he will be returning as a Senior

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Political Scientist in summer 2017. He was an analyst and adviser to the U.S. military in Iraq (2007-2008) and Afghanistan (2011 and 2013). In 2014-2015, he was a Council on Foreign Relations International Affairs Fellow in Nuclear Security, serving in the Joint Staff J5 (Strategic Plans and Policy) Strategic Deterrence and Nuclear Policy Division. Dr. Long's research has appeared in International Security, Security Studies, the Journal of Strategic Studies, the Journal of Cold War Studies, Orbis, and Survival. He is also the author of The Soul of Armies: Counterinsurgency Doctrine and Military Culture in the United States and United Kingdom (Ithaca, NY: Cornell University Press, 2016). He received his B.S. from the Sam Nunn School of International Affairs at the Georgia Institute of Technology and his Ph.D. in political science from the Massachusetts Institute of Technology

Benjamin H. Friedman is a research fellow in defense and homeland security studies. He writes about U.S. defense politics, focusing on strategy, budgeting, and war. He has co-edited two books and has published in *International Security, Political Science Quarterly, Foreign Affairs*, the *New York Times*, the *Los Angeles Times*, the *Atlantic*, the *Philadelphia Inquirer*, *USA Today*, the *Hill, Politico*, the *Christian Science Monitor*, and various other journals. Ben is a graduate of Dartmouth College, a PhD candidate in political science at the MIT, and an adjunct lecturer at George Washington University's Elliott School of International Affairs.

Caitlin Talmadge is Assistant Professor of Political Science & International Affairs at George Washington University. Her research focuses on civil-military relations, military effectiveness, defense policy, and nuclear strategy. Dr. Talmadge is author of the award-winning book *The Dictator's Army: Battlefield Effectiveness in Authoritarian Regimes*, which was also named to *Foreign Affairs'* Best Books of 2016. She is co-author of *U.S. Defense Politics: the Origins of Security Policy*. Her other writings have appeared in numerous academic journals and popular outlets. Recent speaking engagements include the National Intelligence Council, U.S. Strategic Command, the Air War College, the Naval War College, Yale, Georgetown, the University of Chicago, the Wilson Center, and audiences in South Korea and China. Dr. Talmadge is a graduate of Harvard (A.B.) and MIT (Ph.D.). She previously worked at the Center for Strategic and International Studies and as a consultant to the Office of Net Assessment at the Pentagon.

Panel II

Owen R. Coté, Jr. joined the MIT Security Studies Program in 1997 as Associate Director. Prior to that he was Assistant Director of the International Security Program at Harvard's Center for Science and International Affairs, where he remains co-editor of the Center's journal, International Security. He received his Ph.D. from MIT, where he specialized in U.S. defense policy and international security affairs. His dissertation, which he is now revising for publication, analyzed the sources of innovative military doctrine, using cases that compared U.S. Navy responses to different Cold War nuclear vulnerability crises. He is also the author of

The Third Battle: Innovation in the U.S. Navy's Silent Cold War Struggle with Soviet Submarines, a book analyzing the sources of the U.S. Navy's success in its Cold War antisubmarine warfare effort, and a co-author of Avoiding Nuclear Anarchy: Containing the Threat of Loose Russian Nuclear Weapons and Fissile Material. He has also written on the future of naval doctrine, nuclear force structure issues, and the threat of WMD terrorism. After graduating from Harvard College and before returning to graduate school, he worked at the Hudson Institute and the Center for Naval Analyses.

Matthew Bunn is a Professor of Practice at Harvard University's John F. Kennedy School of Government. His research interests include nuclear theft and terrorism; nuclear proliferation and measures to control it; the future of nuclear energy and its fuel cycle; and policies to promote innovation in energy technologies.

Before joining the Kennedy School in January 1997, he served for three years as an adviser to the Office of Science and Technology Policy, where he played a major role in U.S. policies related to the control and disposition of weapons-usable nuclear materials in the United States and the former Soviet Union, and directed a secret study for President Clinton on security for nuclear materials in Russia. Previously, Bunn was at the National Academy of Sciences, where he directed the two-volume study Management and Disposition of Excess Weapons Plutonium. He is the winner of the American Physical Society's Joseph A. Burton Forum Award for "outstanding contributions in helping to formulate policies to decrease the risks of theft of nuclear weapons and nuclear materials," and the Federation of American Scientists' Hans Bethe Award for "science in service to a more secure world," and is an elected Fellow of the American Association for the Advancement of Science. He is a member of the Department of Energy's Nuclear Energy Advisory Committee and a consultant to Pacific Northwest and Oak Ridge National Laboratories. He is a member of the Board of Directors of the Arms Control Association.

John Park is Director of the Korea Working Group and an Adjunct Lecturer at the Harvard Kennedy School. He is also a Faculty Affiliate with the Project on Managing the Atom at the Harvard Kennedy School's Belfer Center for Science and International Affairs. He was the 2012-13 Stanton Nuclear Security Junior Faculty Fellow at MIT's Security Studies Program. He previously directed Northeast Asia Track 1.5 projects at the U.S. Institute of Peace in Washington, D.C. These initiatives include the U.S.-China Project on Crisis Avoidance & Cooperation, the U.S.-ROK-Japan Trilateral Dialogue in Northeast Asia, and the U.S.-China-Japan Dialogue on Risk Reduction & Crisis Prevention. He advises Northeast Asia policy-focused officials at the Departments of Defense, State, and the Treasury, as well as on the National Security Council and Congressional committees.

Amy F. Woolf is a Specialist in Nuclear Weapons Policy in the Foreign Affairs, Defense, and Trade Division of the Congressional Research Service at the Library of Congress. She provides Congress with information, analysis, and support on issues related to U.S. and Russian nuclear forces and arms control. She has authored many studies and participated in numerous

seminars on these issues, addressing such topics as nuclear weapons strategy and doctrine, nuclear force structure, strategic arms control and the U.S-Russian arms control agenda, ballistic missile defense policy, and issues related to nuclear weapons and threat reduction programs Russia and other former Soviet states. Ms. Woolf has spoken at numerous conferences and workshops, discussing issues such as Congressional views on arms control and ballistic missile defenses, cooperative threat reduction with Russia, and U.S. nuclear weapons policy.

Before joining CRS, Ms. Woolf was a member of the Research Staff at the Institute for Defense Analyses (IDA) in Alexandria, Virginia. She also spent a year at the Department of Defense, working on the 1994 Nuclear Posture Review.

Ms. Woolf received a Masters in Public Policy from the Kennedy School of Government at Harvard University in 1983 and a BA in Political Science from Stanford University in 1981.

Panel III

Dr. Jim Walsh is a Senior Research Associate at the Massachusetts Institute of Technology's Security Studies Program (SSP). Dr. Walsh's research and writings focus on international security, and in particular, topics involving nuclear weapons, the Middle East, and East Asia. Dr. Walsh has testified before the United States Senate and House of Representatives on issues of nuclear terrorism, Iran, and North Korea. He is one of a handful of Americans who has traveled to both Iran and North Korea for talks with officials about nuclear issues. His recent publications include "Stopping North Korea, Inc.: Sanctions Effectiveness and Unintended Consequences" and "Rivals, Adversaries, and Partners: Iran and Iraq in the Middle East" in Iran and Its Neighbors. He is the international security contributor to the NPR program "Here and Now," and his comments and analysis have appeared in the New York Times, the New York Review of Books, Washington Post, Wall Street Journal, ABC, CBS, NBC, Fox, and numerous other national and international media outlets. Before coming to MIT, Dr. Walsh was Executive Director of the Managing the Atom project at Harvard University's John F. Kennedy School of Government and a visiting scholar at the Center for Global Security Research at Lawrence Livermore National Laboratory. He has taught at both Harvard University and MiT. Dr. Walsh received his Ph.D from the Massachusetts Institute of Technology.

Carol R. Saivetz is a Senior Advisor in the MIT Security Studies Program. She is also a Research Associate at Harvard's Davis Center for Russian and Eurasian Studies and the Harvard Ukrainian Research Institute. She holds and M.I.A., M.Phil., and a Ph.D. from Columbia University in Political Science and a certificate from what is now the Harriman Institute at Columbia. Between 1995-2005, she was the Executive Director of the American Association for the Advancement of Slavic Studies and between 1992-2006 she was a Lecturer in Government at Harvard. She is currently teaching Russian Foreign Policy in the Political Science Department

at MIT. Professor Saivetz has consulted for the US Government on topics ranging from energy politics in the Caspian and Black Sea regions, questions of stability in Central Asia, to Russian policy toward Iran. She is the author and contributing co-editor of 5 books and numerous articles on Soviet and now Russian foreign policy issues, including an assessment of the "reset," Russian policies toward the other Soviet successor states, and Russian attitudes toward the "Arab Spring." Her current research interest is energy competition in and around the Black Sea region. Her most recent publications analyze the newly resurgent Russia's policies—including energy politics, and reactions to EU and NATO expansion. She has also published opinion pieces on the Ukraine crisis and Russian intervention in Syria for the Lawfare Blog (Brookings) and commented on Ukraine AND SYRIA for local radio and TV. She is the co-chair of the MIT seminar series "Focus on Russia," sponsored by the Security Studies Program, the Center for International Studies, and MIT-Russia.

Dinner Keynote Speaker

Siegfried S. Hecker is a professor (research) in the Department of Management Science and Engineering and a senior fellow at the Freeman Spogli Institute for International Studies (FSI). He was co'-director of CISAC from 2007-2012. From 1986 to 1997, Dr. Hecker served as the fifth Director of the Los Alamos National Laboratory. Dr. Hecker is an internationally recognized expert in plutonium science, global threat reduction, and nuclear security.

Dr. Hecker's current research interests include plutonium science, nuclear weapons policy, nuclear security, and the safe and secure expansion of nuclear energy. Over the past 20 years, he has fostered cooperation with the Russian nuclear laboratories to secure and safeguard the vast stockpile of ex-Soviet fissile materials.

Dr. Hecker's research projects at CISAC focus on reducing the risks of nuclear terrorism worldwide and the challenges of nuclear India, North Korea, Pakistan, and the nuclear aspirations of Iran. Dr. Hecker is also compiling and editing a book with two of his Russian colleagues on the history of Russian-U.S. laboratory-to-laboratory cooperation since 1992.

Dr. Hecker joined Los Alamos National Laboratory as graduate research assistant and postdoctoral fellow before returning as technical staff member following a tenure at General Motors Research. He led the laboratory's Materials Science and Technology Division and Center for Materials Science before serving as laboratory director from 1986 through 1997, and senior fellow until July 2005.

Panel IV

M. Taylor Fravel is Associate Professor of Political Science and member of the Security Studies Program at MIT. Taylor is a graduate of Middlebury College and Stanford University, where he received his PhD. He has been a Postdoctoral Fellow at the Olin Institute for Strategic Studies at Harvard University, a Predoctoral Fellow at the Center for International Security and Cooperation at Stanford University, a Fellow with the Princeton-Harvard China and the World

Program and a Visiting Scholar at the American Academy of Arts and Sciences. He also has graduate degrees from the London School of Economics and Oxford University, where he was a Rhodes Scholar. He currently serves on the editorial boards of the *International Studies Quarterly, Security Studies, Journal of Strategic Studies*, and *The China Quarterly*, and is a member of the board of directors for the National Committee on U.S.-China Relations. He is also the Principal Investigator of the Maritime Awareness Project.

Richard Samuels is Ford International Professor of Political Science and director of the Center for International Studies at the Massachusetts Institute of Technology. He has been head of the MIT Political Science Department, Vice-Chair of the Committee on Japan of the National Research Council, and chair of the Japan-US Friendship Commission. He has also been elected to the American Academy of Arts & Sciences and was awarded an Imperial decoration, the Order of the Rising Sun, Gold and Silver Star by the Emperor of Japan and the Japanese Prime Minister. His study of the political and policy consequences of the 2011 Tohoku catastrophe, 3:11: Disaster and Change in Japan, was published by Cornell University Press in 2013. Samuels' Securing Japan: Tokyo's Grand Strategy and the Future of East Asia, was a finalist for the Lionel Gelber Prize for the best book in international affairs in 2007. Machiavelli's Children won the Marraro Prize from the Society for Italian Historical Studies and the Jervis-Schroeder Prize from the International History and Politics section of American Political Science Association. Earlier books were awarded prizes from the Association for Asian Studies, the Association of American University Press, and the Ohira Memorial Foundation. His articles have appeared in Foreign Affairs, International Security, Political Science Quarterly, International Organization, Journal of Modern Italian Studies, The National Interest, Journal of Japanese Studies, and Daedalus. In 2014 he was appointed Einstein Visiting Fellow at the Free University of Berlin, where he directs a research group on East Asian Security during the summer. He is currently writing a history of the Japanese intelligence community with the support of the Smith Richardson Foundation.

Vipin Narang is Mitsui Career Development Associate Professor of Political Science at MIT and a member of MIT's Security Studies Program. He received his Ph.D. from the Department of Government, Harvard University in May 2010, where he was awarded the Edward M. Chase Prize for the best dissertation in international relations. He holds a B.S. and M.S. in chemical engineering with distinction from Stanford University and an M. Phil with Distinction in international relations from Balliol College, Oxford University, where he studied on a Marshall Scholarship. He has been a fellow at Harvard University's Olin Institute for Strategic Studies, a predoctoral fellow at Harvard University's Belfer Center for Science and International Affairs, and a Stanton junior faculty fellow at Stanford University's Center for International Security and Cooperation. His research interests include nuclear proliferation and strategy, South Asian security, and general security studies.

Eric Heginbotham is a principal research scientist at MIT's Center for International Studies and a specialist in Asian security issues. Before joining MIT, he was a senior political scientist at the

RAND Corporation, where he led research projects on China, Japan, and regional security issues and regularly briefed senior military, intelligence, and political leaders. Prior to that he was a Senior Fellow of Asian Studies at the Council on Foreign Relations. After graduating from Swarthmore College, Heginbotham earned his PhD in political science from MIT. He is fluent in Chinese and Japanese, and was a captain in the U.S. Army Reserve.

Heginbotham was the lead author of the recently released RAND *U.S.-China Military Scorecard*, and a forthcoming RAND study on *China's Evolving Nuclear Deterrent*. He is the coauthor (with George Gilboy) of *Chinese and Indian Strategic Behavior: Growing Power and Alarm*, published by Cambridge University Press in 2012, and is an editor of *China in the Developing World*, published by M.E. Sharpe. Heginbotham has published numerous articles in *Foreign Affairs*, *International Security*, *Washington Quarterly*, *Current History*, and elsewhere. He is currently working on a study of Japanese military options for the 21st century.

Panel V

R. Scott Kemp is the Norman C. Rasmussen Associate Professor of Nuclear Science and Engineering at MIT, and director of the MIT Laboratory for Nuclear Security and Policy.

Scott's research combines physics, politics, and history to help define policy options for achieving international security under technical constraints. He works primarily on direct verification of nuclear-warhead dismantlement, the detection of clandestine nuclear programs, and on emerging nuclear technologies that either complicate or advance international security.

In 2010 and 2011, he served as Science Advisor in the U.S. State Department's Office of the Special Advisor for Nonproliferation and Arms Control where he was responsible for framing the technical negotiations on Iran's nuclear program. He has served on the American Physical Society's Panel on Public Affairs and was principal drafter of its positional statement on climate change. He is the recipient of the NEC Award in Computation and Communication and the 2016 Sloan Research Fellowship in Physics.

Matthew Bunn (see panel II)

William Tobey was Deputy Administrator for Defense Nuclear Nonproliferation at the National Nuclear Security Administration from 2006-2009. There, he managed the U.S. government's largest program to prevent nuclear proliferation and terrorism by detecting, securing, and disposing of dangerous nuclear material. Mr. Tobey also served on the National Security Council Staff under three presidents, in defense policy, arms control, and counter-proliferation positions. He has participated in international negotiations ranging from the START talks with the Soviet Union to the Six Party Talks with North Korea. He also has ten years experience in investment banking and venture capital. He currently serves on the Secretary of State's International Security Advisory Board and the Nuclear and Radiation Studies Board of the National Academies of Sciences Engineering and Medicine. He chairs the board of the World Institute for Nuclear Security.

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Congressional and Executive Branch Staff attendees

Moira Bergin

I am the Subcommittee Director for Emergency Preparedness, Response, and Communications. The Subcommittee is responsible for conducting oversight over the Domestic Nuclear Detection Office at the Department of Homeland Security, which is responsible for protecting the United States from nuclear terrorism by implementing domestic nuclear detection efforts and coordinating the development of the global nuclear detection and reporting architecture. This seminar - particularly the sections on homeland security and nuclear terrorism - will inform policy discussions and oversight activities at the Full Committee and Subcommittee level this Congress.

Alisa Beyninson

I am serving as an advisor, liaison, and detailee on the Senate Armed Services Committee, Strategic Forces Subcommittee on behalf of the Government Accountability Office. My position covers a range of nuclear issues, including nuclear enterprise modernization and nuclear cleanup.

Paul Dodge

I am a Force Planning Advisor in the Strategy & Force Development office, within OSD Policy. Our office is the DoD lead for developing the new US National Defense Strategy (formerly QDR), and the Policy lead for shaping the capability, capacity, and readiness of the U.S. armed forces. I advise OSD leadership on resourcing and investment decisions that will shape the future force. While I primarily focus on the conventional force, my work increasingly relates to nuclear weapons due to the costs of nuclear modernization, how that impacts the Service budgets, and where potential trades between nuclear and conventional force priorities may have to be made, depending on the level of resources appropriated to DoD.

Andrew Eisenberger

I am currently the Legislative Correspondent/Staff Assistant for Representative Dana Rohrabacher of California. My duties include legislative research and writing of correspondence on all policy areas, including foreign affairs, and by extension, nuclear policy when necessary. Since the Congressman sits on the Foreign Affairs and Science, Space, and Technology Committees, I believe my work here would be enhanced through an understanding of the discussion at the summit, and I thank you for your consideration of my application.

Chris Fall

I lead the National Security and International Affairs Division of the Office of Science and Technology Policy, which includes oversight of NNSA and DOD Nuclear S&T policy.

Eden Forsythe is the Legislative Counsel for Representative Sander M. Levin (D-Michigan) in the United States House of Representatives, where her work focuses on national security issues. Prior to joining the Congressman, she served as the Senior Counsel at the bipartisan Congressional-Executive Commission on China in the United States Congress, and as the general counsel for McAllister and Quinn. Eden received her B.A. and J.D. degrees from University of the Pacific and was a Yale in China Teaching Law Fellow. She is fluent in Mandarin Chinese and Russian.

Robert Gromoll

Responsible for developing and implementing key aspects of U.S. nuclear nonproliferation policy, to include denuclearization of North Korea and Iran JCPOA implementation, as well as promoting regional and strategic stability in East and South Asia.

Tyler Jensen

In my current role advising Ranking Member Smith, I regularly work on issues directly related to nuclear security. In addition to handing the homeland security policy portfolio, I also closely coordinate with the staff on the House Armed Services Committee to shape communication on nuclear stockpile, modernization, and strategic/tactical use issues.

Kerry Kinirons

As the Staff Director of the Subcommittee on Emergency Preparedness, Response, and Communications, I direct a team of staff in support of Full Committee Chairman Michael T. McCaul, Subcommittee Chairman Dan Donovan, and Members of the Subcommittee. In this capacity, I provide strategic advice on the Department of Homeland Security and its components, including the Federal Emergency Management Agency, Office of Health Affairs, Domestic Nuclear Detection Office, and Science and Technology Directorate, on issues related to emergency management, medical preparedness, preparedness for and response to chemical, biological, radiological, and nuclear incidents and emerging infectious diseases, grants, and public safety communications.

Robert Lee

I am responsible for coordinating the Bureau of East Asian and Pacific Affairs strategic planning as well as our Bureau's approach on security policy, foreign assistance, and democracy promotion. With respect to security policy, I regularly engage colleagues within the State Department and the interagency to identify the best approach related to nonproliferation, counterterrorism, cyber policy, freedom of navigation, force posture, and security assistance in the Asia Pacific region.

Alexander Lopes

My Office is responsible for export licensing of items controlled on the Commerce Control List for Missile Technology, Chemical and Biological and Nuclear Proliferation reasons. The items controlled for export have dual commercial and weapons of mass destruction applications. In addition to overseeing interagency regulatory and policy discussions on the disposition of such license applications my office also participates in multilateral export control regime negotiations in the Missile Technology Control Regime, Australia Group and Nuclear Suppliers Group. In addition my office is responsible for licensing policy under the Export Administration Regulations for exports to destinations in Iran, Syria, North Korea, Sudan and Cuba. My office oversees Commerce equities in the Joint Comprehensive Plan of Action. I have lead at the Bureau of Industry and Security on formal bilateral discussions with transshipment countries of concern including Hong Kong, Singapore and Malaysia to address the diversion of U.S. origin goods to proliferation and military programs of concern. Another bilateral program I oversee is the U.S. export control cooperation plan with the Government of India where the focus has been commercial space, civil nuclear and military related exports. Finally, my office is responsible for insuring U.S. industry compliance to the Chemical Weapons Convention and Additional Protocol including the hosting of inspection teams from the Organization for the Prohibition of Chemical Weapons and International Atomic Energy Administration.

Miranda Lutz

In my current position I conduct extensive research on topics under the Subcommittee's jurisdiction. This includes civilian nuclear agreements, the Joint Comprehensive Plan of Action, proliferation of nuclear material and weapons technology, use of WMDs by terrorist organizations, bi-lateral arms treaties, and rogue nuclear states. I assist in the preparation of materials and background memorandum for hearings on these topics. I participate in meetings with relevant stakeholders, prepare letters, and write meeting briefs.

Emily Manning

I am one of a two-person team on the majority staff of SFRC who provide analysis, recommendations, and support on policy issues in the arenas of Northeast Asia, East Asia and the Pacific, South Asia, and Central Asia. One of the most pressing and critical issues in this Congress and the new administration is that of North Korea and its proliferation. The first substantive hearing held by our Committee this year was on the topic of DPRK nuclear capabilities, U.S. policies, and alternate policy options moving forward. This seminar would deepen my knowledge on these topics, allowing me to return to my position more prepared to contribute to the guidance of Committee policy and discussion on North Korea.

Brieana Marticorena

As Congressman Keith Ellison's Legislative Assistant for foreign affairs, defense, and homeland security, I am responsible for briefing Rep. Ellison and proposing initiatives related to defense budgeting, nuclear strategies, nuclear problem states, and homeland security. As co-chair on

the Bipartisan Defense Savings Group, I'm also responsible for working with partners and coordinating ideas related to budgeting for the U.S. weapons arsenal. Finally, as my boss is one of the co-chairs of the Congressional Progressive Caucus, I am tasked with putting forward, debating, and editing ideas and strategies related to defense, foreign policy, and homeland security.

William McGrath

I run the subcommittee that oversees the National Labs and Nuclear Weapon policy for the Oversight Committee. Nuclear readiness has been a topic of recent oversight by the Committee.

Chara McMichael

I serve as Chief of Staff for a Texas member who is Chairman of the Energy Subcommittee on the House Committee on Science, Space and Technology. Additionally, our District would be a prime target for a variety of attacks due to the nature of energy production for the entire country. This conference would aid in my policy recommendations and advice, as well as point out additional areas of both research and potential committee hearings.

Kerry O'Brien

As Legislative Director for Ranking Member Keating, I am the primary point of contact for the House Foreign Affairs Subcommittee on Terrorism, Nonproliferation, and Trade, which has direct oversight over U.S. efforts to manage and coordinate international programs to combat terrorism (as coordinated by the Department of State and other agencies), and conduct oversight of, and consider legislation pertaining to, nonproliferation matters involving nuclear, chemical, biological and other weapons of mass destruction.

Robert Paulson

The Nonproliferation and Disarmament Fund is a contingency fund with special legislative authorities that allow direct support for securing, removing and destroying all forms of WMD and its delivery systems. As the Chief of Operations, I design, implement, manage, and oversee the programs worldwide. For example, in 2007 I designed the project to disable the plutonium production facility in Yongbyong, DPRK, successfully negotiated with North Korea, and then oversaw the implementation of the project. I established a base of operations in the country and managed the project for 18 months as the teams disabled the nuclear facilities. In 2003, I orchestrated the U.S. Department of State's effort to eliminate and remove the WMD from Libya. My responsibilities included arranging for the air and sealift transport, as well as the safe and secure packaging of all extracted material. I have also managed U.S. Department of State projects to provide physical security to nuclear facilities (Yugoslavia and Belarus) and to safely shut down the BN-350 nuclear facility in Kazakhstan.

Benjamin Reinke

I am a professional staff member for the Senate Energy and Natural Resources Committee working under the Chairman Lisa Murkowski. For the Committee and Senator Murkowski, I work on nuclear policy issues, including the nuclear fuel cycle, nuclear energy, nuclear security and non-proliferation, and nuclear programs of the Department of Energy. The seminar topic ties directly to my issue areas and to certain policies within the jurisdictional scope of the Committee and of importance to the Senator.

Edmund Rice

I am the lead committee staffer for nuclear issues on the Democratic staff of the House Foreign Affairs Committee, which has jurisdiction over: export controls on nuclear material and technology for both civilian and military use, counteracting illicit transfers of nuclear material, the Iran JCPOA and other international agreements related to nuclear materials. I have both TS/SCI and Q clearances.

Jessica Roxburgh

I handle all federal issues in the office including trade, armed services, homeland security, defense, healthcare, immigration, environment, and education. I also lead the Congressional Friends of Egypt Caucus. Previously, I worked on the Committee on Foreign Affairs as a government relations and foreign affairs analyst possessing practical knowledge of Congressional and US Government policy. Expertise includes deep knowledge and understanding of international security including terrorism, fragile and failing states and water resources related to security. My responsibility is to inform and brief Members of Congress the different methods to handle and solve global security challenges.

Michael Stransky

I cover national security issues for the Senate Republican Policy Committee, the leadership office of Senator John Barrasso of Wyoming, fourth-ranking member of the elected Senate Republican leadership. He is a member of the Senate Foreign Relations Committee and there is obviously an ICBM wing in his state. I specifically work on nuclear nonproliferation and stockpile modernization issues. I worked extensively on Senate consideration of New START. I have a TS/SCI/Q clearance.

Christopher Sweitzer

I serve as a representative of the Secretary of the Army and Chief of Staff of the Army as a Congressional Budget Liaison to the House and Senate Appropriations Subcommittees on Defense. In my current role, I lead the coordination and synchronization of the Army's engagements with the House and Senate Appropriations Committees on all issues related to Army Research, Development, and Acquisition to include the Army's investments within Science and Technology. The seminar relates to my current position with regards to the planned

discussions related to investments required by each of the services to modernize its nuclear capabilities and defenses. Next, the tour of the Lincoln Laboratory would provide me with an opportunity to see the work that the lab is doing within R&D that will enhance the services future weapon systems and capabilities. Finally, as a legislative liaison, the seminar would provide me with a great forum to continue to build relationships with congressional staff.

Sarita Vanka

At OMB, I oversee a portfolio of over \$8 billion in funding for State Department programs, including U.S. support to the International Atomic Energy Agency, CTBTO, and other bilateral and regional non-proliferation programs. In this role, I'm responsible for providing budget and policy recommendations to senior Administration officials on these programs and ensuring funds are spent consistent with the policy priorities. The rest of my portfolio includes counterterrorism programs, peacekeeping operations, IT/cybersecurity, and consular operations.

Scott Walker

A State Department Foreign Service Officer currently taking part in a Pearson Legislative Fellowship in the office of Congressman Alan Lowenthal, I cover the national security portfolio, including issues related to the Departments of Defense, State, and Homeland Security as well as the Intelligence Agencies.

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